



15

SEQUENCE LISTING

<110> Sheppard, Paul O.  
Gilbertson, Debra G.

<120> SECRETED PROTEINS ENCODED BY HUMAN  
CHROMOSOME 13

<130> 97-38C1

<140> US 10/010,050  
<141> 2001-11-09

<150> US 09/122,383  
<151> 1998-07-24

<150> US 60/053,613  
<151> 1997-07-24

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<222> (47)...(1084)

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ggc gcg ggc gcg gct cgg gga cgc gct tcc tgg tgc tgg gcg ctg gcg 103  
Gly Ala Gly Ala Ala Arg Gly Arg Ala Ser Trp Cys Trp Ala Leu Ala  
5 10 15  
ctg ctt tgg ctc gcg gtg gtt ccg ggc tgg tcc cgg gtc tcg ggc atc 151  
Leu Leu Trp Leu Ala Val Val Pro Gly Trp Ser Arg Val Ser Gly Ile  
20 25 30 35  
ccc tcc cgg cgc cac tgg ccg gtg ccc tac aag cgc ttt gac ttc cgt 199  
Pro Ser Arg Arg His Trp Pro Val Pro Tyr Lys Arg Phe Asp Phe Arg  
40 45 50  
cca aaa cct gat cct tat tgt caa gct aag tat act ttc tgt cca act 247  
Pro Lys Pro Asp Pro Tyr Cys Gln Ala Lys Tyr Thr Phe Cys Pro Thr  
55 60 65  
ggc tca cct atc cca gtt atg gag ggt gat gat gac att gaa gtt ttt 295  
Gly Ser Pro Ile Pro Val Met Glu Gly Asp Asp Asp Ile Glu Val Phe  
70 75 80  
cga tta caa gcc cca gta tgg gaa ttt aaa tat gga gac ctc ctg gga 343  
Arg Leu Gln Ala Pro Val Trp Glu Phe Lys Tyr Gly Asp Leu Leu Gly  
85 90 95  
cac ttg aaa att atg cat gat gcc att gga ttc aga agt aca tta act 391  
His Leu Lys Ile Met His Asp Ala Ile Gly Phe Arg Ser Thr Leu Thr  
100 105 110 115  
ggc aag aac tac aca atg gaa tgg tat gaa ctt ttc caa ctt ggc aac 439  
Gly Lys Asn Tyr Thr Met Glu Trp Tyr Glu Leu Phe Gln Leu Gly Asn

120	125	2	130	
tgt aca ttt ccc cat ctc cga cct gaa atg gat gcc cct ttc tgg tgt				487
Cys Thr Phe Pro His Leu Arg Pro Glu Met Asp Ala Pro Phe Trp Cys				
135	140		145	
aat caa ggc gct gcc tgc ttt ttt gag gga att gat gat gtt cac tgg				535
Asn Gln Gly Ala Ala Cys Phe Phe Glu Gly Ile Asp Asp Val His Trp				
150	155		160	
aag gaa aat ggg aca tta gtt caa gta gca act ata tca gga aac atg				583
Lys Glu Asn Gly Thr Leu Val Gln Val Ala Thr Ile Ser Gly Asn Met				
165	170		175	
ttc aac caa atg gca aag tgg gtg aaa cag gac aat gaa aca gga att				631
Phe Asn Gln Met Ala Lys Trp Val Lys Gln Asp Asn Glu Thr Gly Ile				
180	185		190	195
tat tat gag aca tgg aat gta aaa gcc agc cca gaa aag ggg gca gag				679
Tyr Tyr Glu Thr Trp Asn Val Lys Ala Ser Pro Glu Lys Gly Ala Glu				
200	205		210	
aca tgg ttt gat tcc tac gac tgt tcc aaa ttt gtg tta agg acc ttt				727
Thr Trp Phe Asp Ser Tyr Asp Cys Ser Lys Phe Val Leu Arg Thr Phe				
215	220		225	
aac aag ttg gct gaa ttt gga gca gag ttc aag aac ata gaa acc aac				775
Asn Lys Leu Ala Glu Phe Gly Ala Glu Phe Lys Asn Ile Glu Thr Asn				
230	235		240	
tat aca aga ata ttt ctt tac agt gga gaa cct act tat ctg gga aat				823
Tyr Thr Arg Ile Phe Leu Tyr Ser Gly Glu Pro Thr Tyr Leu Gly Asn				
245	250		255	
gaa aca tct gtt ttt ggg cca aca gga aac aag act ctt ggt tta gcc				871
Glu Thr Ser Val Phe Gly Pro Thr Gly Asn Lys Thr Leu Gly Leu Ala				
260	265		270	275
ata aaa aga ttt tat tac ccc ttc aaa cca cat ttg cca act aaa gaa				919
Ile Lys Arg Phe Tyr Tyr Pro Phe Lys Pro His Leu Pro Thr Lys Glu				
280	285		290	
ttt ctg ttg agt ctc ttg caa att ttt gat gca gtg att gtg cac aaa				967
Phe Leu Leu Ser Leu Leu Gln Ile Phe Asp Ala Val Ile Val His Lys				
295	300		305	
cag ttc tat ttg ttt tat aat ttt gaa tat tgg ttt tta cct atg aaa				1015
Gln Phe Tyr Leu Phe Tyr Asn Phe Glu Tyr Trp Phe Leu Pro Met Lys				
310	315		320	
ttc cct ttt att aaa ata aca tat gaa gaa atc cct tta cct atc aga				1063
Phe Pro Phe Ile Lys Ile Thr Tyr Glu Glu Ile Pro Leu Pro Ile Arg				
325	330		335	
aac aaa aca ctc tct ggt tta taaaacacct taattctact gctttttt				1114
Asn Lys Thr Leu Ser Gly Leu				
340	345			
tctccaatca ccagcatctg ttttcaggg ggtgattta cttttgtcaa ttccttagcc				1174
tttcttcctt ggtgcataaa gttaaaatgc acatcagcag aattgctgca tattaacatc				1234
tcaggactct tctcttgta agaagctgaa attcgacta tattggccaa agtgagcag				1294
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cagttatgta ggaccttgg acccagggtc ctacagatag atatggtgatc cccagattt				1414
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&lt;213&gt; Homo sapien

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 Ser Gly Ile Pro Ser Arg Arg His Trp Pro Val Pro Tyr Lys Arg Phe  
 35 40 45  
 Asp Phe Arg Pro Lys Pro Asp Pro Tyr Cys Gln Ala Lys Tyr Thr Phe  
 50 55 60  
 Cys Pro Thr Gly Ser Pro Ile Pro Val Met Glu Gly Asp Asp Asp Ile  
 65 70 75 80  
 Glu Val Phe Arg Leu Gln Ala Pro Val Trp Glu Phe Lys Tyr Gly Asp  
 85 90 95  
 Leu Leu Gly His Leu Lys Ile Met His Asp Ala Ile Gly Phe Arg Ser  
 100 105 110  
 Thr Leu Thr Gly Lys Asn Tyr Thr Met Glu Trp Tyr Glu Leu Phe Gln  
 115 120 125  
 Leu Gly Asn Cys Thr Phe Pro His Leu Arg Pro Glu Met Asp Ala Pro  
 130 135 140  
 Phe Trp Cys Asn Gln Gly Ala Ala Cys Phe Phe Glu Gly Ile Asp Asp  
 145 150 155 160  
 Val His Trp Lys Glu Asn Gly Thr Leu Val Gln Val Ala Thr Ile Ser  
 165 170 175  
 Gly Asn Met Phe Asn Gln Met Ala Lys Trp Val Lys Gln Asp Asn Glu  
 180 185 190  
 Thr Gly Ile Tyr Tyr Glu Thr Trp Asn Val Lys Ala Ser Pro Glu Lys  
 195 200 205  
 Gly Ala Glu Thr Trp Phe Asp Ser Tyr Asp Cys Ser Lys Phe Val Leu  
 210 215 220  
 Arg Thr Phe Asn Lys Leu Ala Glu Phe Gly Ala Glu Phe Lys Asn Ile  
 225 230 235 240  
 Glu Thr Asn Tyr Thr Arg Ile Phe Leu Tyr Ser Gly Glu Pro Thr Tyr  
 245 250 255  
 Leu Gly Asn Glu Thr Ser Val Phe Gly Pro Thr Gly Asn Lys Thr Leu  
 260 265 270  
 Gly Leu Ala Ile Lys Arg Phe Tyr Tyr Pro Phe Lys Pro His Leu Pro  
 275 280 285  
 Thr Lys Glu Phe Leu Leu Ser Leu Leu Gln Ile Phe Asp Ala Val Ile  
 290 295 300  
 Val His Lys Gln Phe Tyr Leu Phe Tyr Asn Phe Glu Tyr Trp Phe Leu  
 305 310 315 320  
 Pro Met Lys Phe Pro Phe Ile Lys Ile Thr Tyr Glu Glu Ile Pro Leu  
 325 330 335  
 Pro Ile Arg Asn Lys Thr Leu Ser Gly Leu  
 340 345

&lt;210&gt; 3

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Oligonucleotide ZC976

&lt;400&gt; 3

cgttgtaaaa cgacggcc

18

&lt;210&gt; 4

&lt;211&gt; 17

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Oligonucleotide ZC447

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<210> 5  
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<210> 6  
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20

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<210> 11

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<221> misc\_feature  
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60

tggccngtnc cntayaarmg nttygaytty mgncnnaarc cngayccnta ytgcargcn

120

aartayacnt tytgcncac ngnwsnccn athccngtna tggarggnga ygaygayath

180

gargettym gnytncargc nccngtntgg garttyaart ayggngayyt nytnngncay

240

ytnaaratha tgcaygaygc nathggntt mgmwsnacny tnacnggnaa raaytayacn

300

atggartggt aygarytntt ycarytnggn aaytgyacnt tyccncayyt nmgnccngar

360

atggaygcnc cnytgcgtg yaaycarggn gcngcntgyt tytgcgtt nathgaygay

420

gtncaytgga argaraaygg nacnytngtn cngtngcna cnathwsnng naayatgtty

480

aaycaratgg cnaartgggt naarcagay aaygaracng gnathtayta ygaracntgg

540

aaygtnaarg cnwsnccnga raarggngcn garacntggt tygaywsnta ygaytgywsn

600

aarttygtnt tnmgnacontt yaayaarytn gcngarttyg gngcngartt yaaraayath

660

garacnaayt ayacnmgntt httytntay wsngngarc cnacntayyt ngnaaygar

720

acnwsngntt tyggncncac ngnnaayaar acnytnggny tngcnathaa rmgnnttay

780

tayccnttya arccncayyt nccnacnaar garttytnty tnwsnytnty ncarathtta

840

gaygcngtta thgtncayaa rcarttayt ynttaytay ayttygarta ytggttaytn

900

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960

aaracnytnw snggnytn

1020

1038

<210> 14  
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1 5

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<210> 17  
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24

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<210> 19  
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<212> PRT  
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<220>  
<223> Glu-Glu tag peptide

<400> 19  
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1 5